



## COUNTY OF LOS ANGELES FIRE DEPARTMENT

### FIRE PREVENTION DIVISION

## REFRIGERATION EQUIPMENT PERMIT REQUIREMENTS

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Article 1, section 105 of the Los Angeles County Fire Code states... a permit shall be obtained from the Fire Prevention Division prior to engaging in the following: ... to install or operate a mechanical refrigeration unit or system regulated by Article 63. See Article 63. Additional requirements may be applicable.

Refrigeration unit and system installations having a refrigerant circuit containing more than 220 pounds (100kg) of Group A1 or 30 pounds (13.6kg) of any other group refrigerant shall be in accordance with Article 63 and the Mechanical Code. See Mechanical Code for refrigerant group descriptions. Also see Sections 8001.1.2 and 8002. Exception: The chief is authorized to exempt temporary or portable installations.

Classification Refrigerants shall be classified in groups in accordance with the Mechanical Code.

Installation and Maintenance Plans and specifications for devices and systems required by Article 63 shall be submitted to the Fire Department for review and approval prior to installation. Refrigeration systems shall be installed and maintained in a safe manner that will minimize the life, health and fire hazard of the installation. Installation shall be in accordance with the Mechanical Code. See Also Sections 6313.5 and 6320.2. Refrigeration systems shall be safely maintained in an operable condition, free from accumulations of oil, dirt, waste, excessive corrosion, other debris or leaks.

Access Refrigeration systems shall be accessible to the Fire Department at all times as required by the chief. See Also Sections 6310.2 and 6315.3.

Emergency Signs and Labels Refrigeration units or systems shall be provided with approved emergency signs, charts and labels in accordance with U.F.C. Standard 79-3 and the Mechanical Code (see U.M.C. Standard 11-2). Also see Appendix VI-J. Hazard signals shall be in accordance with Table NO TAG if the refrigerant used is included with this Table.

Notification of Discharges The Fire Department shall be notified immediately upon discharge of refrigerant, whether automatic or manual. Refrigerant shall not be discharged except in an emergency. Notification shall comply with Section 8001.5.2.2. Exceptions: Refrigeration systems operating at pressures below atmospheric and incorporating automatic purge cycles. Incidental operation of automatic pressure-relief valves resulting in minor release of refrigerant charge. Incidental minor releases associated with service operations after system pump down has been accomplished.

Storage, Handling & Use Flammable and combustible materials shall not be stored in machinery rooms. Storage, use and handling of extra refrigerant or refrigerant oils shall be as required by other articles of this code. See Articles 74, 75, 79 and 80 for storage, use and handling other than within refrigeration systems. Exception: Spare parts, tools and incidental materials necessary for the safe and proper operation and maintenance of the system.

Changing Refrigerant Type Refrigerant types shall not be changed without prior notification and approval of the chief.

Records The person in charge of the premises on which a refrigeration unit or system subject to these regulations is installed or maintained shall keep a written record of the refrigerant quantities brought onto and removed from the premises. Such records shall be available to the Fire Department.

Additional  
Requirements \_\_\_\_\_

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